

Appendix G

Glossary Of Terms

The GLOSSARY OF TERMS will include general terms, acronyms, and abbreviations contained in the DATA MANAGEMENT: COMMAND DATA MODEL AND DICTIONARY.

AMPRS

Automated Management and Progress Reporting System

Class Word

The class word designates the type of information being maintained about an entity.

CDD

Command Data Dictionary

CDE

Command Data Element

CDM

Command Data Model

COEMIS

Corps of Engineers Management Information System

Command Data Dictionary

The Command Data Dictionary is a report generated from the Data Encyclopedia with a special kind of database which acts as a repository of information about data we use to manage programs and projects.

Command Data Model

A fully attributed conceptual data model that is the overall logical structure of the Corps of Engineers data, independent of any software or storage constraints. It may often contain data structures not yet implemented in Internal Data Models.

Conceptual Data Model

A Conceptual Data Model (the Command Data Model in the Corps) is a normalized basic structure of the business rules, entities, and data elements that describe the things the Corps needs to operate.

CONUS

Continental United States

CORPS

U.S. Army Corps of Engineers

DA

Data Administrator

DACC

Data Architecture Control Committee

Data

Data is defined as meaningful facts about persons, places, things, concepts, events, and activities in a defined format and structure from which information may be derived.

DBA

Data Base Administrator

DBMS

Data Base Management System

EP 25-1-6

11 Feb 91

Data Encyclopedia

The USACE Data Encyclopedia is an information sharing tool, a repository of metadata (information about data), and an automated tool for cross referencing activity and data models used in the information resource methodology adopted by the Corps.

Data Objects

Entities, Data Elements, Relationships, and Data Models. When data objects and their characteristics are structured, combined, and analyzed, they provide an understanding of the Business Process.

Derived Data

Derived data is information prepared by algorithms, conditional extractions, or formulas.

Domain

A Domain is the set of values that a data element may assume, usually defined by the data elements length and format, or by a specific list of values.

Common Domains support data elements that have common attributes and common values.

Standard Domains are those domains with a limited set of values like STATE-CODE.

EP

Engineer Pamphlet

FOA

Field Operating Activities of the Corps of Engineers

Fundamental Data

Fundamental data is the lowest level, basic piece of information or fact. The data model and dictionary deal with basic or fundamental data.

HQUSACE

Headquarters, U.S. Army Corps of Engineers

ICAM

Integrated Computer Aided Manufacturing

ICOM

The acronym for the roles for data or material on an activity model:

INPUT: Data or material used to produce an output of an activity.

CONTROL: Data that constrain or regulate the activity. Controls regulate the transformation of inputs into outputs.

OUTPUT: Data or materials produced by or resulting from the activity. It must include the input data in some form.

MECHANISM: Usually people, machines, or existing systems that provide energy to, or perform, the activity.

IDEF

ICAM Definition Language

IDEF Modeling Technique

The DEF Modeling Technique has been adopted by the Corps of Engineers to be used during system development. The IDEF Modeling Technique is used in the development of activity and data models which graphically and descriptively depict

the Corps' Business Processes and the data to support them.

IM

Information Management

IMP

Information Management Plan

Information

A representation of facts, concepts, and assumptions that are derived from data for use in performing the various Corps' missions.

IPR

In-Process Review

IS

Information System

ISMP

Information System Modernization Plan

LDE

Legacy Data Element

Legacy System

The legacy system is a previous operating system that may or may not adhere to the modeling techniques and methodology of the current ISMP program.

MSC

Major Subordinate Commands

Normalization

The process of model analysis that determines the correct packaging of Entities and Data Elements to assure a stable data

model which reduces update anomalies and redundant data

OCE

Office of the Chief of Engineers

OCONUS

Outside Continental United States

OMA

Operations and Maintenance Army

OSD

Office of the Secretary of the Army

Physical Model

A data model adapted to meet the constraints of a specific DBMS. It is usually a modification of a conceptual model, and may be tuned for performance or security purposes.

POM

Program Objective Management

Project

The Project proposing the specified entity.

Proponent

The Corps of Engineers organization that is responsible for the definition of the entity and/or data element

PRIP

Plant Replacement and Improvement Program

PDC

Prototype Development Concept

EP 25-1-6

11 Feb 91

PRISM

Project and Resource Information System
for Management

RDBMS

Relational Data Base Management System

RDT&E

Research Development Test and Evaluation

STAMIS

Standard Army Management Information
System

Status of an Entity

The level of approval that the entity has
received: Candidate, Registered, or Approved

a. A *Candidate* entity is one proposed by a person or project and is not yet shared in other projects' models.

b. A *Registered* entity has been reviewed by the DACC as an entity that could be shared throughout all Corps data models.

c. An *Approved* entity is an entity that has been integrated into the Command Data Model, and that may currently be standard in either the Department of the Army or throughout the Department of Defense (DoD).

USACE

U.S. Army Corps of Engineers